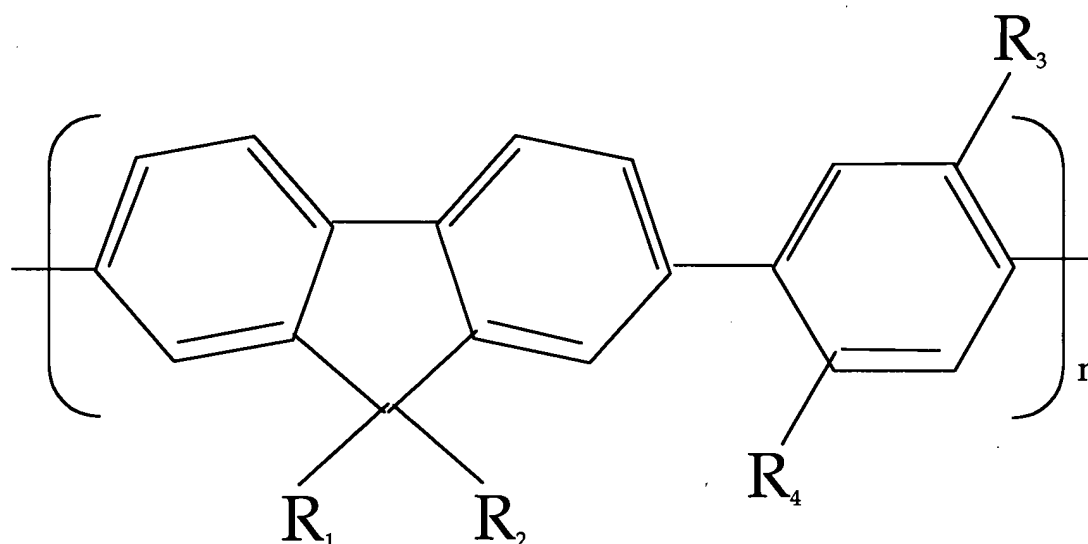


Amendments to the Claims

This listing of Claims replaces all prior versions and listings of Claims in the application:

Amendments to the Claims

1. (Currently amended) A polymeric material comprising alternate substituted fluorene and phenylene units, as represented by the following formula

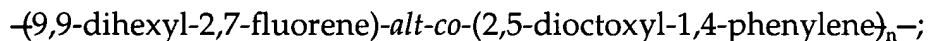


wherein R₁ and R₂ which may be identical or different, are each H, a (C₁-C₂₂) linear or branched alkyl, alkoxy or oligo (oxyethylene) group, a (C₆-C₃₀) cycloalkyl group, or an unsubstituted or substituted aryl group; wherein R₃ and R₄, which may be identical or different, are each [[an]]a linear or branched octoxyl group; and wherein n is from about 3 to about 5000.

2. (canceled)
3. (canceled)

4. (Previously presented) The polymeric material according to claim 1 wherein n is from about 5 to about 1000.
5. (Previously presented) The polymeric material according to claim 1 which emits visible light having a wavelength of between 350 and 550 nm.
6. (Previously presented) The polymeric material according to claim 5 which emits visible light having a wavelength of about 430 nm.
7. (original) A light emitting diode comprising a polymeric material in accordance with claim 1.
8. (Previously presented) The light emitting diode according to claim 7 having an anode layer, a polymer layer comprising a polymeric material in accordance with claim 1, and a metal cathode layer.
9. (Previously presented) The light emitting diode according to claim 7 having an additional hole transporting layer between the anode layer and the polymer layer.
10. (Previously presented) The light emitting diode according to claim 9 wherein the transporting layer includes polyvinylcarbazole.
11. (Previously presented) The light emitting diode according to claim 9 having an additional hole injection layer between the hole transporting layer and the polymer layer.
12. (Previously presented) The light emitting diode according to claim 11 wherein the hole injection layer comprises copper phthalocyanine.
13. (Previously presented) The light emitting diode according to claim 11 wherein the hole injection layer comprises polyaniline.

14. (original) A full color display incorporating a polymeric material in accordance with claim 1.
15. (Previously presented) The full color display incorporating a light emitting diode in accordance with claim 7.
16. (Previously presented) The polymeric material according to claim 1 made in accordance with a Suzuki coupling process.
17. (Previously presented) The polymeric material according to claim 16 wherein the monomers are 2,7-diboronates of 9,9-disubstituted fluorenes and 1,4-dibromo-2,5-dioctoxylbenzene.
18. (Previously presented) The polymeric material according to claim 16 wherein the monomers are prepared using Grignard reagents.
19. (canceled)
20. (canceled)
21. (previously presented) A polymeric material comprising Poly[(9,9-dihexyl-2,7-fluorene)-*alt-co*-(2,5-dioctoxyl-1,4-phenylene)].
22. (Previously presented) The polymeric material according to claim 21 comprising alternate substituted fluorene and phenylene units, as represented by the following formula



wherein n is from about 3 to about 5000.